

## **Grade 4 Simple Machines Study**

### **Mrs. Reader**

Machines don't always have to be complicated, in fact we use simple machines everyday. They help us lift, pull, transport, and hold objects together. Without these basic machines our lives would be a whole lot harder.

In this science unit, students work in small groups to investigate one of the 6 basic machines (Inclined Plane, Wedge, Screw, Lever, Wheel, and Pulley). Through videos, articles, and various activities students will first learn about their assigned simple machine. Next they will locate real world examples around our school of their simple machine at work. Using the iPad they will record photo examples of the simple machines they find. Next they will create an imovie on their iPads with the purpose of teaching their fellow students about their particular simple machine. They will be encouraged to demonstrate their ability to create an imovie showing their knowledge of the machine in a creative, interesting format.